



Geologic Hazards Senior Geologist Geology and Earth Resources

Recruitment # 2006-05-6848

The **Division of Geology and Earth Resources** is Washington's geological survey which, collects, develops, uses, distributes, and preserves geologic information to promote the safety, health, and welfare of the citizens, protect the environment, and support the economy of Washington. The Division's programs include geologic mapping, preparation of geologic hazard assessments, mineral resource assessments, the regulation of surface mine reclamation, and the regulation of oil and natural gas exploration and development. For more information on the Division of Geology and Earth Resources, go to www.dnr.wa.gov/geology.

The mission of the **Department of Natural Resources** is to provide professional, forward-looking stewardship of our state lands, natural resources, and environment. The DNR provides leadership under the Commissioner of Public Lands, an elected official, in creating a sustainable future for the Public Land Trusts. The DNR manages over five million acres of state-owned land that includes forest, range, commercial, agricultural and aquatic lands. Since 1970 DNR-managed lands have generated \$6 billion that support public schools, state institutions and county services. These lands also provide public benefits that include fish and wildlife habitat, clean and abundant water and public access to outdoor recreation. The DNR operates with a biennial budget of approximately \$400 million and has over 1300 employees. For more information about the department, see the [DNR Home Page](http://www.dnr.wa.gov) - www.dnr.wa.gov

Job Classification: Natural Resource Scientist 3

Type of Position: This is a permanent position.

This position is represented by the WFSE. Once appointed to this position the incumbent will be required to pay union dues or other representation fee within the first 30 days of employment.

Monthly Salary Range: \$4,041 – \$5,175

Benefits Package: Health and dental insurance, retirement pension, vacation, sick leave and holidays

Posting Date: May 19, 2006

Closing Date: June 19, 2006

Location: Olympia, Washington

POSITION PROFILE

This position will be responsible for the preparation of soil liquefaction, soil site condition, and similar hazard assessments related to seismic risk in Washington.

REQUIRED POSITION QUALIFICATIONS

- Bachelor's Degree and Master's degree in geology, geophysics, geological sciences, engineering geology, civil engineering, geotechnical engineering, or closely-related degree.
- Professional experience, in the assessment of geological hazards, effects of seismic events, development of mitigation for structures affected by seismic activity, or closely-related activities.
- Must be competent to prepare assessments of seismic risk, including liquefaction and NEHRP-type soil maps.
- Must be able to perform fieldwork including mapping and sampling on steep and uneven terrain, performing shear wave seismic surveys using portable equipment, use standard field equipment (Brunton compass, hand-held GPS unit, digital camera, laptop PC, etc.).
- Must have well-developed computer skills.

- Must be able to recognize landslides through the use of stereo air photos.
- Ability to function as a team member, communicate plans and results of work with professional and lay audiences, actively support the goals and objectives of the Division and the agency, and work with management, peers, and subordinates in a positive and productive manner.

DESIRED POSITION QUALIFICATIONS

- Ph.D. in geology, geophysics, geological sciences, engineering geology, civil engineering, or geotechnical engineering.
- Experience assessing seismic hazards like liquefaction, ground amplification, effects on the built environment, and mitigation measures.
- Experience preparing liquefaction and NEHRP-type soil maps documented by providing examples of this work.
- Experience working directly with local government on hazards issues.
- Experience supervising other earth science or engineering professionals.
- Ability to use ArcGIS 9 efficiently and effectively.

SPECIAL POSITION REQUIREMENTS AND WORKING CONDITIONS

- Must have a current Washington state engineering geologist license, or a Professional Engineer license (PE) or be able to demonstrate that this license can be obtained within 6 months of appointment through reciprocity.
- Must have a current driver's license, be at least 18 years of age, and have 2 years of driving experience.

WHO MAY APPLY

This recruitment is open to anyone who meets the required qualifications for this position.

APPLICATION PROCESS

To be considered for this position please submit:

- A letter of interest describing how your experience and qualifications relate to the position profile, required and desired position qualifications, and the special position requirements. Indicate in your letter of interest how you learned of this opportunity.
- A detailed resume describing your education, complete employment history including a brief description of the duties and responsibilities of each position, number and type of employees supervised in each position, and list of publications.

The first screening will be based on information contained in your letter of interest and your resume. A completed state application will be required from those selected for a second interview. The form is available at www.dnr.wa.gov/jobs/stateapp.doc.

Submit all materials by the closing date to: dnrrecruiting@wadnr.gov

Please indicate **2006-05-6848** in the subject line of your e-mail.

By submitting the application materials you are indicating that all information is true and correct to the best of your knowledge. You understand that the state may verify information and that untruthful or misleading information is cause for removal from applicant pool or dismissal if employed.

Questions? Please contact Ron Teissere at 360.902.1440 or e-mail us at DNRrecruiting@wadnr.gov.

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This announcement is published by the Washington State Department of Natural Resources (DNR). The DNR is an equal opportunity employer. **Women, racial, and ethnic minorities, persons of disability, and disabled and Vietnam-era veterans are encouraged to apply.** Persons with a disability who need assistance during the screening process, or those needing this announcement in an alternative format may contact DNR's ADA Coordinator at (360) 902-1150. DNR may be contacted using the Washington State Telecommunications Relay Service (TTY) by dialing 711.